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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/077,624	02/14/2002	Wenyuan Shi	061818-5512 US	2797
34055	7590	10/31/2007		
PERKINS COIE LLP POST OFFICE BOX 1208 SEATTLE, WA 98111-1208			EXAMINER ZEMAN, ROBERT A	
			ART UNIT 1645	PAPER NUMBER
			MAIL DATE 10/31/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.



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APPLICATION NO./ CONTROL NO. <b>10/077,624</b>	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION Shi, Wenyuan	ATTORNEY DOCKET NO.
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EXAMINER

Robert A. Zeman

ART UNIT

PAPER

1645

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents

The communication filed on 4-23-2007 is not fully responsive to the Office communication mailed 9-13-2006 for the reason(s) set forth on the attached Notice to Comply With the Sequence Rules or CRF Diskette Problem Report.

Since the above mentioned reply appears to be *bona fide*, applicant is given a TIME PERIOD of ONE (1) MONTH or THIRTY DAYS from the mailing date of this notice, which ever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER C.F.R. 1.136(a).

The addresses below are effective 5 June 2004. Please direct all replies to the United States Patent and Trademark Office via one (1) of the following:

1. Electronically submitted through EFS-Bio  
(<http://www.uspto.gov/ebs/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
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Commissioner for Patents  
P.O. Box 22313-1450  
Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service or other delivery service to:  
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401 Dulaney Street  
Alexandria, VA 22314

Any inquiry concerning this communication should be directed to Examiner Robert A. Zeman, Art Unit 1645, whose telephone number is (571) 272-0866.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.

A handwritten signature in black ink, appearing to read "Robert A. Zeman", with a long horizontal flourish extending to the right.

ROBERT A. ZEMAN  
PRIMARY EXAMINER

<b>Notice to Comply</b>	Application No. 10/077,624	Applicant(s) Shi et al.	
	Examiner Robert A. Zeman	Art Unit 1645	

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.**
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (571) 272-0731 or (571) 272-0951  
For CRF Submission Help, call (571) 272-2510  
PatentIn Software Program Support  
Technical Assistance. 1-866-217-9197 or 703-305-3028 or 571-272-6845  
PatentIn Software is Available At [www.USPTO.gov](http://www.USPTO.gov)

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=====

Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Jun 06 13:00:52 EDT 2007

=====

\*\*\*\*\*

Reviewer Comments:

Seq Id 15,16,17 has an invalid response for <213>. If <213> responses  
are Artificial or Unknown please give the source of genetic material.  
The response mentioned is not sufficient.

\*\*\*\*\*

Application No: 10077624

Version No: 2.0

Input Set:

Output Set:

Started: 2007-06-05 17:45:55.806

Finished: 2007-06-05 17:45:57.165

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 359 ms

Total Warnings: 31

Total Errors: 0

No. of SeqIDs Defined: 31

Actual SeqID Count: 31

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
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W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
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W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
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W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2007-06-05 17:45:55.806

Finished: 2007-06-05 17:45:57.165

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 359 ms

Total Warnings: 31

Total Errors: 0

No. of SeqIDs Defined: 31

Actual SeqID Count: 31

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

# SEQUENCE LISTING

<110> THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Shi, Wenyuan

Morrison, Sherie

Trinh, Kham

Wims, Letitia

Chen, Li

Anderson, Maxwell

Qi, Fengxia

<120> ANTI-MICROBIAL TARGETING CHIMERIC PHARMACEUTICAL

<130> 59157.8007.US01

<140> 10077624

<141> 2002-02-14

<150> US 09/910,358

<151> 2001-07-19

<150> US 09/378,577

<151> 1999-08-20

<160> 31

<170> PatentIn version 3.1

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<213> Artificial sequence

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<223> Synthesized using sequential PCR techniques

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accactcgca cagaggatac tctggtggcg gtggctcggg cggaggtggg tcgggtggcg	180
gcggatccga cgtgaagctt gtggagtctg ggggaggctt agtgaaccct ggagggtccc	240
tgaaactctc ctgtgcagcc tctggattca ctttcagtag ctataccatg tcttgggttc	300
gccagactcc ggagaagagg ctggagtggg tcgcatccat tagtagtggg ggtacttaca	360
cctactatcc agacagtgtg aagggccgat tcaccatctc cagagacaat gccaagaaca	420
ccctgtacct gcaaatgacc agtctgaagt ctgaggacac agccatgtat tactgttcaa	480
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<210> 2

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<212> PRT

<213> Artificial sequence

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Lys His His Ser His Arg Gly Tyr  
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<211> 16

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<211> 165

<212> PRT

<213> Artificial sequence

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<223> Synthesized using sequential PCR techniques

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Asp Ser His Ala Lys Arg His His Gly Tyr Lys Arg Lys Phe His Glu  
1 5 10 15

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20 25 30

Gly Gly Ser Gly Gly Gly Gly Ser Asp Val Lys Leu Val Glu Ser Gly  
35 40 45

Gly Gly Leu Val Asn Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala  
50 55 60

Ser Gly Phe Thr Phe Ser Ser Tyr Thr Met Ser Trp Val Arg Gln Thr  
65 70 75 80

Pro Glu Lys Arg Leu Glu Trp Val Ala Ser Ile Ser Ser Gly Gly Thr  
85 90 95

Tyr Thr Tyr Tyr Pro Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg  
100 105 110

Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln Met Thr Ser Leu Lys Ser  
115 120 125

Glu Asp Thr Ala Met Tyr Tyr Cys Ser Arg Asp Asp Gly Ser Tyr Gly  
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Ser Tyr Tyr Tyr Ala Met Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr  
145 150 155 160

Val Ser Ser Ala Ser  
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gtggetcggg cggagggtggg tcgggtggcg gcggatccga cgtgaagctt gtggagtctg 180  
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tcgcatccat tagtagtggg ggtacttaca cctactatcc agacagtgtg aagggccgat 360  
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ctgaggacac agccatgtat tactgttcaa gagatgacgg ctctacggc tcctattact 480  
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<210> 7  
<211> 155  
<212> PRT  
<213> Artificial sequence

<220>  
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1 5 10 15

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Asp Val  
20 25 30

Lys Leu Val Glu Ser Gly Gly Gly Leu Val Asn Pro Gly Gly Ser Leu  
35 40 45

Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr Thr Met  
50 55 60

Ser Trp Val Arg Gln Thr Pro Glu Lys Arg Leu Glu Trp Val Ala Ser  
65 70 75 80

Ile Ser Ser Gly Gly Thr Tyr Thr Tyr Tyr Pro Asp Ser Val Lys Gly  
85 90 95

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln  
100 105 110

Met Thr Ser Leu Lys Ser Glu Asp Thr Ala Met Tyr Tyr Cys Ser Arg  
115 120 125

Asp Asp Gly Ser Tyr Gly Ser Tyr Tyr Tyr Ala Met Asp Tyr Trp Gly

Gln Gly Thr Ser Val Thr Val Ser Ser Ala Ser  
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 aagcaccact cgcacagagg atac 84

<210> 10  
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 <212> DNA  
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 <223> Primer 988

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<210> 11  
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<212> DNA  
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<210> 13  
<211> 65  
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<400> 15

Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Cys Val

1

5

10

15

Gly Arg

&lt;210&gt; 16

&lt;211&gt; 57

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Protegrin PG-1

&lt;400&gt; 16

aggggagggtc gcctgtgcta ttgtaggcgt aggttctgcg tctgtgtcgg acgagga 57

&lt;210&gt; 17

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Novispirin G10

&lt;400&gt; 17

Lys Asn Leu Arg Arg Ile Ile Arg Lys Gly Ile His Ile Ile Lys Lys

1

5

10

15

Tyr Gly

&lt;210&gt; 18

&lt;211&gt; 36

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Forward primer 1

&lt;400&gt; 18

ggtgggttgct cttccaacag gggagggtcgc ctgtgc 36

&lt;210&gt; 19

&lt;211&gt; 23

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Reverse primer 2

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<212> DNA  
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<223> Reverse primer 4

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<210> 24  
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<223> Forward primer 7

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<211> 30

<212> DNA

<213> Artificial sequence

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<223> Reverse primer 8

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<223> Linker 2

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1

5

10

15

Gly Gly Ser Gly Gly Gly Thr Ser

20

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ggtggcacta gt

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<211> 28

<212> DNA

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<223> Forward primer 9

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28

<210> 29

<211> 38

<212> DNA

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<223> Reverse primer 10

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<210> 30

<211> 19

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<211> 33

<212> DNA

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<223> Reverse primer 12

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33